LISTING OF THE CLAIMS

1. (Previously presented): A procedure for [therapeutic] treatment of human and animal tissues surrounding articular joints evidencing symptoms of fibromyalgia comprising the steps of:

identifying an articular joint evidencing symptoms of fibromyalgia;

sandwiching the tissue surrounding the identified articular joint between one or more pairs of opposed emitter pads in contact with the skin; and

applying a biphasic [faradic] pulse sequence to the pairs of emitter pads to stimulate deep layered muscle contractions in the sandwiched tissue.

2. (Previously presented) A procedure according to claim 1, said biphasic pulse being rectangular and having a waveform with nominal parameters including a duty cycle of approximately 1.5 seconds on and 1.5 seconds off.

3. (Previously presented): A procedure according to claim **2,** said nominal parameters further including a repetition frequency of approximately 57 Hz.

4. (Previously presented): A procedure according to claim **2,** said nominal parameters further including a pulse width of approximately 110 microseconds.

5. (Original): A procedure according to claim 1 further comprising the steps of:

setting the intensity of the biphasic pulse sequence at an initial level; and

incrementally increasing the intensity in response to the tolerance level of the patient.

6. (Previously presented): A procedure according to claim **2**, said nominal parameters further including a pulse period of approximately 18 miliseconds.

7. (Previously presented): A procedure according to claim 6, said nominal parameters further including a time between initiation of positive and negative pulses of approximately 9 miliseconds.

8. (Previously presented): A procedure according to claim **2**, said nominal parameters including a peak open circuit voltage of approximately 140 volts with an output impedance of approximately 500 ohms.

9. (Previously presented): A procedure for treatment of human and animal tissue surrounding articular joints evidencing symptoms of fibromyalgia comprising the steps of:

identifying an articular joint evidencing symptoms of fibromyalgia;

sandwiching the tissue surrounding the identified articular joint between one or more pairs of opposed emitter pads in contact with the skin; and

applying a pulse sequence to the pairs of emitter pads to stimulate deep layered muscle contractions in the identified tissues, said pulse sequence being a biphasic rectangular

pulse sequence having a waveform with nominal parameters including a duty cycle of approximately a 1.5 seconds on and 1.5 seconds off, a repetition frequency of approximately 57 Hz, and a pulse width of approximately 110 microseconds.

10. (Previously presented): A procedure according to claim **9,** said nominal parameters further including a time between initiation of positive and negative pulses of 9 miliseconds.

11. (Previously presented): A procedure according to claim **10,** said nominal parameters including a peak open circuit voltage of approximately 140 volts with an output impedance of approximately 500 ohms.